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- (71) Applicant (*for all designated States except US*): MILLIPORE CORPORATION [US/US]; 290 Concord Road, Billerica, MA 01821 (US). Published:
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- (72) Inventors; and
(75) Inventors/Applicants (*for US only*): GABRIELS, Joseph, E., Jr. [US/US]; 41 Cleveland Street, Arlington, For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPOSITIONS OF SOLUTION FOR SEQUENCING REACTION CLEAN-UP

(57) Abstract: Wash solution and method for purifying sequencing reaction product. The wash solution comprises an effective amount of guanidine in a low ionic solution to reduce or eliminate the presence of dye terminators in a sequencing reaction product. In its method aspects, the present invention comprises the addition of the wash solution to the sequencing reaction product prior to filtration, followed by filtration to reduce or eliminate unincorporated dye terminators. The purified sequencing products can then be resuspended and transferred to an appropriate substrate for sequencing or further preparation. Dye blobs formed from unincorporated dye terminators no longer interfere with the electropherograms generated upon electrophoresis of the sample.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68 C12N15/10

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

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Y	page 8, line 25 - page 13, line 31 claims 26-49; example 8	1-6
X	WO 02 44414 A (PROMEGA CORP) 6 June 2002 (2002-06-06) page 12, line 31 - page 13, line 6; example 2	7, 9, 12
Y	page 12, line 31 - page 14, line 22	1-6
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☒ Further documents are listed in the continuation of box C.

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